

L 59549-65 EWG(j)/EWT(m)

ACCESSION NR: AP5015742

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AUTHOR: Tumanyan, M. A.; Protasova, O. V.

TITLE: Effect of irradiation on the anaphylactic reaction of animals with low sensitivity to anaphylaxis

SOURCE: Radiobiologiya, v. 5, no. 3, 1965, 478-480

TOPIC TAGS: ionizing radiation, anaphylaxis, foreign protein, immunology, radiology, gamma rays

ABSTRACT: The authors sought to determine whether ionizing radiation increases the sensitivity of rats which are regarded as relatively insensitive to anaphylaxis, to repeated injection of foreign protein. Irradiation of these animals 7-14 days before they were injected with normal horse serum was found to increase their sensitivity to repeated injection of the foreign protein, especially when low doses of radiation were used. An increase in sensitivity to anaphylaxis also occurred when a challenge injection was used 7-14 days after irradiation. One of the reasons for intensification of the anaphylactic reaction was the increased production of speci-

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fic antibodies, precipitins, in the blood of the sensitized rats. Intensification of anaphylaxis was paralleled by increase in titer of the precipitins. Orig. art. has: 3 tables.

ASSOCIATION: Institut epidemiologii i mikrobiologii im. N. F. Gamalei AN SSSR, Moscow (Institute of Epidemiology and Microbiology, AN SSSR)

SUBMITTED: 09Dec63

ENCL: 00

SUB CODE: LS, NP

NO REF SOV: 001

OTHER: 005


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TUMANYAN, M.A.; PROTAPOVA, O.V.

Transfer of increased sensitivity of immediate type by the lymphoid cells. Zhur.mikrobiol., epid. i immun. 42 no.4:105-110 Ap '65.
(MIRA 18:5)

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

PROTIASOVA, O.V.

Effect of gamma irradiation on the anaplasma-like reaction in
green pigs. Zhur. mikrobiol., epio. i immun. 41 no 10:27-31
164. (MIRA 1992)

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

GHERKASSKAYA, P.M., kand. tekhn. nauk; Prinsipalnaya uchastiyets: PROTASOVA, R.N.

Studying some polymeric antifriction materials. Trudy TENII
MP3 no.283:94-107 '64. (MIRA 18:4)

PROTASOVA, S. I.

Spartacus d. 71 B. C.

Antiquity's tradition about the Spartacan revolt. Uch. zap. Mosk.un. no. 113,
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9. Monthly List of Russian Accessions, Library of Congress, May 1958. Unclassified.

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Rome - History

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9. Monthly List of Russian Accessions, Library of Congress, May 1953², Unclassified.

POLYANSKAYA, A.M.; PROTASOVA, T.G.

Lymphatic reaction under the "mask" of chronic lymphoid leukemia.
Probl. gemat. i perel. krovi 9 no.12:51-53 D '64 (MIRA 18:1)

1. Gematologicheskaya klinika (zav. - prof. M.S. Dul'tsin) i
patologoanatomicheskoye otdeleniye (zav. - prof. N.M. Nemsnova)
TSentral'nogo ordena Lenina instituta gematologii i perelivaniya
krovi (direktor - dotsent A. Ye. Kiselev) Ministerstva zdравo-
okhraneniya SSSR, Moskva.

ZHAROVA, Ye.I.; PROTASOVA, T.G.; KHRUSTALEV, S.A.; PREOBRAChENSKAYA, M.N.;
SUVOROV, N.N.; RAUSHENBAKH, M.O.

Leukemogenic (blastomogenic) properties of some compounds of
the indole series. Report No.2. Probl. gemat. i perel. krovi.
no.6:38-42 '65. (MIRA 18:11)

1. TSentral'nyy ordena Lenina institut gematologii i perelivaniya
krovi (dir. - dotsent A.Ye.Kiselev) Ministerstva zdnavookhraneniya
SSSR, i Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevti-
cheskiy institut (dir. - prof. M.K.Rubtsov), Moskva.

RAUSHENBAKH, M. O., prof.; ZHAROVA, Ye. I.; IVANOVA, V. D.; NEMENOVA, N. M.,
prof.; PROTASOVA, T. G.; MOROZOVSKAYA, L. M.

Leukemogenic and blastogenic properties of some tryptophan
metabolites. Probl. gemat. i perel. krovi no.10:3-8 '61.

(MIRA 14:12)

1. Iz TSentral'nogo ordena Lenina instituta gematologii i pereli-
vaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A. A.
Bagdasarov [deceased]).

(TRYPTOPHAN) (METABOLISM, DISORDERS OF)

PROTASOVA, T.N.

Effect of cortin and deoxycorticosterone on the restoration of nitrogen metabolic processes which had been upset as a result of protein insufficiency. Biokhimiya 18, 89-96 '53. (MLBA 6:1)
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1. Inst. Biol. and Med. Chem., Acad. Med.Sci. U.S.S.R., Moscow.

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J. A. Stekol

PROTASOVA, T.N.; GORIZONTOV, P.D., prof., nauchnyy rukovoditel'

On the mechanism of the action of protective-therapeutic compounds
in acute radiation injury in rats. Med. rad. 8 no.9:66-68 S'63.

(MIRA 17:4)

1. Deystvitel'nyy chlen AMN SSSR (for Gorizontov).

GORIZONTOV, P.D.; PROTASOVA, T.N.

Change in the activity of the endocrine glands in experimental
radiation pathology. Arkh. pat. 22 no. 4:3-14 '60. (MIRA 14:1)
(ENDOCRINE GLANDS) (RADIATION SICKNESS)

PROTASOVA, T. N., (USSR)

"Problems of the Ionizing Radiation
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Moscow, 10-16 Aug 1961.

PROTASOVA, T.N.; KAYNOVA, A.S.

Effect of adrenalectomy on phospholipid and amino acid metabolism
in irradiated animals. Radiobiologia 1 no.5:731-737 '61.

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(ADRENAL GLANDS) (GAMMA RAYS--PHYSIOLOGICAL EFFECT)
(METABOLISM)

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Decomposition of histidine in the liver of rats exposed to ionizing
radiations. Radiobiologia 4 no.3:375-377 '62.

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Regulation of the enzymatic decomposition of proline and γ -proline
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(MIRA 18:11)

1. laboratoriya patokhimii Instituta biologicheskoy i meditsinskoy
khimii AN SSSR, Moskva.

PROTASOVA, T.N.

Pathways of enzymatic breakdown and regulation of metabolism of
threonine stereoisomers in the rat liver. Biokhimiya 50
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1. Laboratoriya patokhimi Institute biologicheskey i meditsinskoy khimii AMN SSSR, Moskva.

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Substrate induction of the enzymatic system oxidizing tyrosin in
radiation injuries. Biokhimiia 27 no.3:538-541 My-Je '62.

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(MIRA 15:8)

LIST, Ye.V., red.; PROTASOVA, Ye.N., red.; MIRONOVA, A.M., tekhn. red.

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(BIBLIOGRAPHY—MEDICINE)

BALALAYEV, G.A.; DERESHKEVICH, Yu.V.; PROTASOVITSKAYA, Ye.A., inzh.,
nauchnyy red.; VDOVENKO, Z.I., ~~red. izd-va~~; RODIONOVA, V.M.,
tekhn. red.

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PROTR SOVIZ, V.

IOFFE, Z.; PROTASOVA, V. (Kizyl-Arvat, Turkmeneskaya SSR).

Deputy of the people. From. koop. no.5:30 My '58.
(Mededova, Orazgul')

(MIRA 11:4)

PROTASOVA, V.A.

Use of radiographic methods for determining the straightness of fibers.
Izv.vys.ucheb.zav.;tekh.tekst.prom. no.4:69-75 '60. (MIRA 13:9)

1. Moskovskiy tekstil'nyy institut.
(Textile fibers--Testing)

(X rays--Industrial applications)

PROTASOVA, V.A.

Methods using radioactive isotopes in the investigation of the unevenness resulting from drafting. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.3:88-95 '59. (MIRA 12:11)

1. Moskovskiy tekstil'nyy institut.
(Radioisotopes--Industrial applications) (Textile research)

PROTASOVA, V.A.

Thinning curve. Izv. vys. ucheb. zav.; tekhn. teks prom. no. 2:75-79
'61. (MIRA 14:5)

1. Moskovskiy tekstil'nyy institut.
(Textile fibers--Testing)
(Radioisotopes--Industrial applications)

KIRPICHNIKOV, V.S.; MOSEVICH, N.A.; PROTASOVA, V.I.; BAUYER, O.N.

Optimum conditions in wintering ponds for the young-of-the-year common carp, the Amur carp, and their hybrids. Trudy
Gidrobiol. ob-va 10:52-85 '60. (MIRA 13:9)

(Novgorod Province--Fish ponds) (Carp)

IVANOVA, R.V.; PROTASOVA, Yu.S.; STEPUKHOVICH, A.D.

Effect of the heterogenous s/v factor on the kinetics and
mechanism of the cracking of butanes. Neftekhimiya 5 no.1:
33-39 Jan-F '65. (MIRA 18:5)

1. Saratovskiy gosudarstvennyy universitet imeni Chernysheva-
skogo, kafedra khimicheskoy fiziki.

USSR / Human and Animal Physiology. Internal Secretion. T
Pancreas.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 102060.

Author : Protasova, Z. G.
Inst : Zaporozhye Institute for the Advanced Training of Physicians
Title : On the Content of Pyroracemic Acid in the Blood in
Patients Ill With Diabetes Mellitus.

Orig Pub: Tr. Zaporozhsk. in-ta usoversh. vrachey, 1957, 1,
162-166.

Abstract: In healthy individuals there is 0.8-1 mg% of pyro-
racemic acid (I) in blood. In diabetes (36 patients)
the content of I is increased (0.8-2.8 mg%). The
increase of I content is connected with the sever-
ity of disease (in severe form of diabetes 1.6-2.8
mg% of I). After treatment with vitamin B₁ (50 g

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Abs Jour: Ref Zhur-Biol., No 22, 1958, 102060.

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Technical education for students. Za rul. 20 no.9:25 S '62.
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1. Starshiy inzh. Instituta metodov obucheniya Akademii
pedagogicheskikh nauk RSFSR.
(Technical education)

BESPAL'KO, Vladimir Pavlovich; GEL'BURT, Boris Yefimovich;
PROTASOVSKIY, Georgiy Aleksandrovich; KASABOV, Sh.M.,
st. prepod., retsenzent; ZHIDELEV, M.A., kand. ped.
nauk, red.; NOVOSELOVA, V.V., tekhn.red.

[Vocational training of automobile repairmen in secondary schools] Proizvodstvennoe obuchenie v srednei shkole professii slesar'-avtoremontchik; metodicheskoe posobie dlia prepodavatelei i instruktorov proizvodstvennogo obucheniia. Pod red. M.A.Zhideleva. Moskva, Izd-vo APN RSFSR, 1962. 237 p. (MIRA 16:6)

1. Kafedra obshchetekhnicheskikh distsiplin i truda Moskovskogo gosudarstvennogo pedagogicheskogo instituta im. V.I. Lenina (for Kasabov).
(Automobiles--Maintenance and repair)

ZHIDELEV, Mikhail Aleksandrovich, starshiy nauchnyy sotr.; BEL'BURT, B.Ye.; PROTASOVSKIY, G.A.; FIGANOV, I.S.; Prinimali uchastiye: KOVAL'SKIY, M.I.; SANDOMIRSKIY, I.G.; GIMRANOV, M.V.; TSIKALOV, V.A., red.; POLUKAROVA, Ye.K., tekhn. red.

[Secondary school production training in mechanical engineering]
Proizvodstvennoe obuchenie v srednei shkole po mashinostroitel'-
nym professiiam; metodicheskoe posobie dlia prepodavatelei i in-
struktorov proizvodstvennogo obucheniia. Pod red. M.A.Zhideleva.
Moskva, Izd-vo APN RSFSR, 1962. 141 p. (MIRA 15:12)
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PROTASOW, Konstanty Georgiewicz, prof.; KOCZNIEW, Teodor Petrowicz, prof.

Development prospects of the railroads in the Soviet Union. Przegl
kolej mechan 14 no.10:289-291 0 '62.

1. Rektor instytutu transportu kolejowego, Leningrad (for Protasow).
2. Rektor instytutu transportu kolejowego, Moskwa (for Koczniw).

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Ed. of Publishing House: V. G. Filatov. Tech. Ed.: O. A. Gurev. Editorial Commission: E. G. Kall', Corresponding Member, Academy of Sciences USSR; A. A. Logachev, V. P. Mironovskiy (Dep. M.), and E. E. Sokolov.

PURPOSE: This publication is intended for photogrammetrists, geologists, geographers, and other scientific and technical personnel concerned with aerial photography.

CONTENTS: This issue of the Transactions of the Laboratory of Aerial Surveying contains the second part of materials presented at the VII All-Union Interdepartmental Conference on Aerial Surveying which took place in Leningrad, November 25 through December 1, 1956. Articles treat problems dealing with the execution and application of aerial survey methods in geological, geophysical, and geodetic physical investigations. Special attention is directed to aerial survey methods in geological and geomorphological studies of the physical world under different conditions. The techniques of both airborne magnetic prospecting and aerial photography are described. References accompany individual articles.

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Paper.

Abs Jour: Ref. Zhur-Khimiya, No 11, 1958, 38305.

Author : Pustelnik Czeslaw, Protekta Jerzy

Inst : Not given.

Title : The Extraction of Cellulose from Straw by the Aronovskiy
Mechanical-Chemical Method.

Orig Pub: Prace Inst celul-papiern, 1957, 6, No 1, 16-30.

Abstract: Under laboratory conditions, the influence of various
factors during the boiling of straw by the Aronovskiy
method was investigated: the rise of the hydraulic
modulus, the time and temperature of boiling, the quan-
tity of active NaOH and the sulfidization of the cooking
alkali as well as the recycling of the coarse alkali dis-

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POLAND/Chemical Technology. Chemical Products and Their
Application. Cellulose and Its Production.
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H-33

Abs Jour: Ref. Zhur-Khimiya, No 11, 1958, 38305.

charge and of the mechanical property of cellulose (C); the degree of delignification and the quantity of waste products during the screening of the mass. The optimum conditions of the boiling are the quantity of active alkali (in % of the dry mass of the straw) 10-12%; sulfidization of the alkali $\geq 15\%$; boiling temperature 88-93°C; length of boiling 30-60 minutes. A possibility has been shown, in pilot plant conditions, of decreasing the hydraulic modulus from 15 to 9 without deterioration of the mechanical properties of C. During the manufacture of wrapping paper (WP) and pasteboard (P), an increase of up to

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Paper.

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50% in the total quantity of paper was successfully experienced, under working conditions, by means of the addition of straw extracted C. With the exception of a test for the number of doublings, WP and P met the required conditions. Straw C, subjected to a 3-stage treatment by chlorination, treated with alkali and hypochloride, was bleached to 75% white. The Cl_2 required for bleaching for a C output of $\sim 60\%$ comprised $\sim 14\%$ of the weight of unbleached C; the NaOH absorption at the alkali-treatment stage is $\sim 2\%$. The output of unbleached C is $\sim 50\%$ of the weight of straw. Bleached straw C possesses sufficient quality to allow its utilization for the manufacture of printing, writing and other types of paper.

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Bleached C, resulting in "gidropal'pere", shows the advantages of the Aronovskiy over the usual method when its high output is taken into consideration. The mechanical-chemical Aronovskiy method is characterized by a high output of C from apparatus of 1 m³ capacity in comparison with the process of kettle boiling. Included among the advantages is the great simplicity of the equipment. A relative disadvantage of the Aronovskiy method is the greater need for steam in comparison with the usual method and the Celdecor-Pomilio method and the greater need for energy and chloride in comparison with the process of kettle boiling. The disadvantages mentioned are compensated

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with the greater output of C.

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arh., Sarajevo 10 no.5:81-85 Sept-Oct 56.

1. Hirurška klinika Medicinskog fakulteta u Sarajevu. Sef: prof.
dr. Blagoje Kovacevic.

(TYPHOID FEVER, compl.

perf. of gallbladder, surg. (Ser))

(GALLBLADDER, perf.

in typhoid fever, surg. (Ser))

PROTIC, Mihailo, F., Doc., dr.

Dr. Izak Josef Haim Salom; first Bosnian Jew with a degree.
Med. arh., Sarajevo 10 no.2:119-123 Mar-Apr 56.

(BIOGRAPHIES,
Haim-Salom, Izak Jozef (Ser))

PROTIC, M.

"Note on the occurrence of chromite and ilmenite in the beach sand of Ulcinj, Montenegro", p. 175 (Glasnik. Serija A: Mineralogija, Geologija, Paleontologija, No. 4, 1951, Beograd)

SO: Monthly List of East European Accessions, Vol. 2, No 9 Library of Congress, September 1953, Uncl.

PROTIC, M.

"The family of Ilickovic as national surgeons, their work and influence on the development of medicine in Montenegro." p. 37.

"Legislative directive on establishment, work, and organization of the pharmacies." p. 43.
(Narodno Zdravlje. Vol. 10, no. 1/2, 1954, Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.
Uncl.

PROTIC, Mihailo F., Doc., Dr.

First Moslem physician from Bosnia: Dr. Hadzi Mehmed-Sami Serbic.
Med. arh., Sarajevo 9 no.2:101-106 March-Apr 55.

(BIOGRAPHIES,
Serbic, Mehmed Sami (Ser))
(HISTORY MEDICAL,
first Moslem physician in Bosnia, Yugosl. (Ser))

PROTIC, Milena; POPOVIC, Dusan; BERIC, Berislav

Dental status in pregnancy. Med. pregl. 18 no. 3:99-101
' 65.

1. Regionalni centar za zdravstvenu zastitu majke i deteta, Novi
Sad (Upravnik: dr. Nandor Miklos).

PROTIC, Mihailo F., Dr. med. habil. Midhat Prcic i doc.

Diseases and complication in peripheral vessels in the light of
surgical and medicinal therapy. Med. arh. 15 no.6:93-99 N-D '61.

1. Hirurska klinika Medicinskog fakulteta u Sarajevu (Sef prof. dr
Feodor Lukac)

(VASCULAR DISEASES PERIPHERAL ther)

PROTIC, Mihailo, F., doc., dr.

Dr. Petar Rizzo -- 1st trained physician in Mostar. Med. arh. 16 no.2:
85-91 '62.

(BIOGRAPHIES) (HISTORY OF MEDICINE)

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PROTIC, Mihailo, P., Doc., dr.

Intestinal perforations and injuries and their modern treatment.
Med. arh., Sarajevo 9 no.5:23-76 Sept-Oct 55.

1. Hirurska klinika Med. fakulteta u Sarajevu. (Sef. prof. dr.
Blagoje Kovacevic).

(INTESTINES,

perfor. & inj., review. (Ser))

(WOUNDS AND INJURIES,

intestines, review. (Ser))

PROF. FORTNAHCO

1. "My Will Polls Registration on Reported This Year" IN THE
IN MICHIGAN, pp 1-4.
2. "Registration - Return to Labor Prof Dr Victor HENRY,
pp 4-7.
3. "Registration of Children Against Malignant Is the Best
Protection Against This Disease Prof Dr John A. GALT,
Faculty of Medicine, IN MICHIGAN, pp 7-9.
4. "Regarding the Serious Loss of History Primaries Dr
Valdo HENNING, pp 10-13.
5. "Which Way Towards Disease? Dr Norman SPENCER, pp 13-15.
6. "Registration of Deaths and Crises" Dr Peter HUGGINS,
IN MICHIGAN, pp 15-18.
7. "There About Epilepsy" Dr Ivan HILANDY, IN MICHIGAN -
first, pp 18-21.
8. "Registration of Deaths of the Hip and Its Treatment
Doesn't Dr Nicholas F. PRICHO, pp 21-23.
9. "The Treatment and Other Matters Against Tuberculosis"
William F. HENNING, pp 23-25.
10. "The Changing Weather and Health Dr Fadenov STEPHENSON,
pp 25-29.
11. "General Present and Important Problem of Public Health
Dr Valdo HENNING, pp 29-32.
12. "Health and Finance."

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PROTIC-HLUSICKA, Desanka; TUFEGDZIC-LJALJEVIC, Jasmina

An atypical case of hemochromatosis. Srpski arh. celok. lek.
91 no.1:69-72 Ja '63.

1. Interna klinika A Medicinskog fakulteta Univerziteta u
Beogradu Upravnik: prof. dr. Branislav Stanojevic.
(HEMOCHROMATOSIS)

S

PROTIC-HLUSICKA, Desanka; KRSTIC, Nikola

Sternberg's cells in the bone marrow. (On the presence of Sternberg's cells in the myelogram of 2 patients with lympho-granulomatosis. Srpski arh. celok. lek. 90 no.4:453-457 Ap '62.

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu Upravnik: prof. dr. Branislav Stanojevic.
(HODGKIN'S DISEASE) (BONE MARROW)

S

YUGOSLAVIA

Desanka PROTIC-MLUSICKA and Jasmina TUFEGDJIC-LJALJEVIC, Internal
Medicine Clinic 'A' of Medical Faculty of University (Interna klinika A
Medicinskog fakulteta Univerziteta) Head Prof Dr Branislav STANOJEVIC,
Belgrade.

"Atypical Case of Hemochromatosis."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 21, No 1, Jan 63;
pp 69-72.

Abstract [English summary modified]: Differential diagnostic problems
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alcoholic cirrhosis. Eventually hepatic biopsy established the
diagnosis beyond reasonable doubt. Photomicrograph; 5 Yugoslav and
22 Western references.

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PROTITCH, M. [Protic, M.]

Photographic observations of asteroids in Belgrade. Bul Obs Beograd
25 no.1:1-3 '60.

CA PROTIC, MIRKO

Chromite and ilmenite occurrence in the beach sand of Ulcinj, Yugoslavia. Mirko Protic. *Glasnik Prirod. Muzeja Srbije Zemlje* (Bull. natural Hist. nat. pays serbes, Ser. A 4, 175-6 (1931) (English summary). --The heavy minerals, constituting 8% of the sand, contained in order of abundance, calcite, magnetite, pyroxenes, chromite, ilmenite, epidote, serpentine, chlorite, garnet, zircon, and rutile.
Michael Fleischer

PROTIC, Mihailo F., Dr., Asistent Hirurske klinike

~~SECRET~~
Perforation of gastric cancer and duodenal ulcer caused by
radiography with barium meal. Med. arh., Sarajevo 9 no.1:
37-44 Jan-Feb 55.

(BARIUM, inj. eff.

barium meal causing perf. of gastric cancer & peptic
ulcer. (Ser))

(STOMACH, neoplasms,

perf. caused by barium meal during radiography. (Ser))

(PEPTIC ULCER, perf.

caused by barium meal radiography. (Ser))

PROTIC, Mihailo F., Doc., dr.

Surgical treatment of varicose veins of legs. Med. arch.,
Sarajevo 9 no.4:107-124 July-Aug 55.

1. Hirurska klinika Med. fakulteta u Sarajevu. (Sef: prof. dr.
B. Kovacevic).

(VARICOSE VEINS, surg.
indic. & statist. (Ser))

PROTIC, Mihailo, F., Doc., dr.; Hirurg Sarajevo

Known popular surgeons in Bosnia and Herzegovina and in
Montenegro and their contribution to management of trauma.
Med. arh., Sarajevo 9 no.5:163-172 Sept-Oct 55.

(HISTORY, MEDICAL,

popular surgeons in Yugosl. from 14th to 19th
century. (Ser))

(SURGEONS,

in Yugosl. from 14th to 19th century. (Ser))

(WOUNDS AND INJURIES, surg.

hist., popular surgeons in Yugosl. from 14th to
19th century. (Ser))

PROTIC, Mihailo, F., Doc., dr.

Acute dilatation of the stomach. Med. arh., Sarajevo 9 no.
6:29-41 Nov-Dec 55.

1. (Hirurška klinika Med. fakulteta u Sarajevu. Šef: prof.
dr. Blagoje Yovacevic).

(STOMACH, dis.

dilatation. acute. (Ser))

PROTIC, Mihailo, F., Doc., dr.

Echinococcosis of the spleen. Med. arh., Sarajevo 10 no.2:
38-46 Mar-Apr 56.

1. Hirurska klinika Medic. fakult. u Sarajevu. Ref. prof. dr.
B. Kovacevic.

(SPLEEN, dis.

echinococcosis, surg. (Ser))

(ECHINOCOCCOSIS,

spleen, surg. (Ser))

PROTIC, Mihailo, Doc., dr.; KOSORIC, Dragomir, dr.

~~Volvulus of cecum.~~ Med. glasn. 10 no.4-5:190-192 Apr-May 56.

1. Hirureška klinika Medicinskog fakulteta u Sarajevu
(upravnik prof. dr. B. Kovacevic).

(CECUM, dis.
volvulus (Ser))

PROTIC, Mihailo, F., d-r.

Sarcoma of the stomach with fistula of the pancreas caused by
gastrectomy. Med. arh., Sarajevo 11 no.3:25-32 May-June '57.

1. Hiruska klinika Medicinskog fakulteta u Sarajevu. Sef: prof.
d-r Blagoje Kovacevic.

(SARCOMA, compl.

fistula of pancreas caused by gastrectomy for sarcoma
of stomach (Ser))

(PANCREAS, fistula

caused by gastrectomy for sarcoma of stomach (Ser))

(GASTRECTOMY, compl.

fistula of pancreas caused by gastrectomy for sarcoma of
stomach (Ser))

(STOMACH NEOPLASMS, surg.

gastrectomy in sarcoma causing pancreatic fistula (Ser))

PROTIC, Mihn.jlo, F.

Perforation of duodenum by a swallowed sewing-needle, Med. glasn.
11 no.4:152-154 Apr 57.

1. Hirurska klinika Medicinskog fakulteta u Sarajevu. Urednik:
dr. B. Kovacevic.

(DUODENUM, perf.

caused by swallowed sewing needle (Ser))

PROTIC, Mihailo, doc., dr., hirurg (Sarajevo)

Physicians from Bosnia and Hercegovina who died during the War of
Liberation. Med. arh. 15 no.6:1-31 N-D '61.

(MILITARY MEDICINE hist)

PROTIC, Mihailo F., doc., dr., hirurg (Sarajevo)

1st Hospital of the Romania Military Department and its activities
during 1941. Med. arh. 15 no.6:47-50 N-D '61.

(MILITARY MEDICINE hist) (HOSPITALS hist)

PROTIC, Mihailo F., doc. dr (Sarajevo)

Typical and atypical methods of blood transfusion. Med. glas. 15 no.6:
250-255 Je '61.

(BLOOD TRANSFUSION)

PROTIC, Mihailo, F., doc., dr.

1st Ovariectomy in our country. Med. arh. 16 no.1:137-141 Ja-F '62.

(OVARIES surg)

PROTIC, M.F., prof. dr.

The 1st medical mass survey of health and living conditions
of our population. Med. arh. 18 no.1:95-112 Ja-F '64.

1. Nacelnik Hiruskog odeljenja Zeleznicke bolnice Dedinje,
Beograd.